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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hiroaki KUWANO, et al.

Title: MOBILE COMMUNICATION SYSTEM,
RADIO NETWORK CONTROLLER, RADIO
TERMINAL, DATA DELIVERING METHOD,
AND PROGRAM FOR THE METHOD

Appl. No.: 10/747,958

Filing Date: 12/31/2003

Examiner: Maung, Nay Aung

Art Unit: 2684

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of a document known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed document is being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits, and within three (3) months of the mailing date of the foreign search report.

CONCISE EXPLANATION OF RELEVANCE

The documents listed on the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding Chinese application. A partial English translation of the Chinese Office Action of December 30, 2005, follows:

Claim 1 seeks to protect a mobile communication system. The reference 1 (hereinafter referred to as "Ref.1", US 6501957B2) discloses on column 1, lines 32-38, column 2, lines 34-42, column 3, line 13 to column 4, line 39 and Figures 1 and 2, the technical features as follows: the GPRS provides a bearer service from a boundary of a packet data network (PDN) to a GPRS MS (equivalent to the radio terminal in claim 1). The serving GPRS support node (SGSN) keeps track of the individual MSs' location and performs security functions and access control. The SGSN is connected to a base station system (BSS) which provides a radio connection to the MS. The gateway GPRS support node GGSN provides interworking with the external PDN and is connected with SGSNs via an IP-based GPRS backbone network. A subscriber-specific information such as a list is stored in the GGSN, which defines multicast groups joined by specific MSs. Thus, upon receiving an IP-M group call from the PDN, the GGSN may check the subscriber-specific information as to whether an MS of the GPRS network has joined the corresponding IP-M group, and establishes a point to point connection between the multicast content provider and a respective MS, in case the subscriber-specific indicates that the respective subscriber has joined the corresponding multicast group. When a subscriber transmits a joining request for available groups for multicast messages, the GGSN may, in response to this request, transmit multicast services to the mobile station MS via the SGSN. In addition, a logical link between the mobile station MS and the SGSN makes the MS available for messages over GPRS, paging via SGSN, and notification of incoming GPRS service data.

Ref. 1 discloses that a mobile station MS (equivalent to the radio terminal in claim 5) receives the broadcast service and paging information sent by SGSN, which must acquire the service data in a PICH (Paging Indication Channel) receivable state.

...the service data in Ref.1 is the MBMS data.

Applicant's statements regarding the Chinese Office Action are based on a partial translation thereof. These statements should in no way be considered as an agreement by Applicant with, or an admission of, what is asserted in the Chinese Office Action.

Applicant respectfully requests that the listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

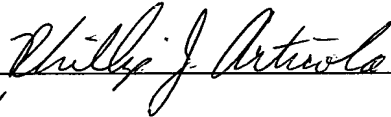
Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date March 3, 2006

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By



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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: March 3, 2006 <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/747,958
				Filing Date	12/31/2003
				First Named Inventor	Hiroaki KUWANO
				Group Art Unit	2684
				Examiner Name	Maung, Nay Aung
				Attorney Docket Number	053969-0159

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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	B1	6,501,957	B2	MUHONEN et al.	12/31/2002	

U.S. PATENT APPLICATION DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Application Document		Name of Patentee or Applicant of Cited Document	Filing Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.